PATENT COOPERATION TREATY

REC'D 1 0 JUL 2006

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

PCT

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACT	MON	See Form PCT/IPEA/416			
H0005430-PCT	FOR FURITER AC		DOU L VIHI A WATAL MI W TAV			
International application No.	International filing date (a	lay/month/year)	Priority date (day/month/year)			
PCT/US05/10550	29 March 2005 (29.03.20		30 March 2004 (30.03.2004)			
International Patent Classification (IPC) or national classification and IPC						
IPC: H05B 7/20 USPC: 361/704, 719; 257/706; 165/80.3, 185						
Applicant						
HONEYWELL INTERNATIONAL INC	·					
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.						
2. This REPORT consists of a total of sheets, including this cover sheet.						
3. This report is also accompanied by ANNEXES, comprising:						
a. (sent to the applicant and to the International Bureau) a total of sheets, as follows:						
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.						
1			and number of electronic carrier(s))			
, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).						
4. This report contains indica		wing items:				
	asis of the report					
Box No. II Pr	Priority					
	Ion-establishment of opinion with regard to novelty, inventive step and industrial pplicability					
<u> </u>	ack of unity of invention					
	easoned statement under Article 35(2) with regard to novelty, inventive step or dustrial applicability; citations and explanations supporting such statement					
	ertain documents cited	-				
Box No. VII C	ertain defects in the international application					
Box No. VIII C	ertain observations on the	international applica	ation			
Date of submission of the demand		Date of completion of this report				
03 August 2005 (03.08.2005)	<u> </u>	20 June 2006				
Name and mailing address of the IPEA/	US	Authorized officer fyllin Dell Four				
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents		Boris L. Chervinsky				
P.O. Box 1450 Alexandria, Virginia 22313-1450						
Facsimile No. (571) 273-3201		Telephone No. 571-272-1850				

Form PCT/IPEA/409 (cover sheet)(April 2005)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International	application No.	

PCT/US05/10550

Box No. I Basis of the report
1. With regard to the language, this report is based on:
the international application in the language in which it was filed.
a translation of the international application into, which is the language of a translation furnished for the purposes of:
international search (under Rules 12.3 and 23.1(b))
publication of the international application (under Rule 12.4(a))
international preliminary examination (under Rules 55.2(a) and/or 55.3(a))
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):
the international application as originally filed/furnished
the description:
pages 1-9 as originally filed/furnished pages* NONE received by this Authority on
pages* NONE received by this Authority on
the claims:
pages 10-13 as originally filed/furnished
pages* 10-13 as amended (together with any statement) under Article 19
pages* 10-13 received by this Authority on 14 March 2006 (14.03.2006)
pages* NONE received by this Authority on
the drawings:
pages 1-5 as originally filed/furnished
pages* NONE received by this Authority on received by this Authority on
a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. The amendments have resulted in the cancellation of:
the description, pages
the claims, Nos
the drawings, sheets/figs
the sequence listing (specify):
any table(s) related to the sequence listing (specify):
4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
the description, pages
the claims, Nos.
the drawings, sheets/figs
the sequence listing (specify):
any table(s) related to the sequence listing (specify):
* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US05/10550

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. Statement					
Novelty (N)	Claims	NONE	YES		
	Claims	1-28	NO		
Inventive Step (IS)	Claims	NONE	YES		
- · ·	Claims	1-28	NO		
Industrial Applicability (IA)	Claims	1-28	YES		
	Claims		NO		
step in the article claim does not render novelty as	poon as are silg	ciate 19 atociosea.			
Claims 3, 4, 5, 12-14, 19, 22, 26 lack an inventive Edwards et al. Yamaoka discloses the claimed invention except into base portion and between the base portion and the lobvious to one having ordinary skill in the art at the the device disclosed by Yamaoka.	erface material	such as solder or adhesive disposed device. Edwards discloses such mate	between the frame and the crials, therefore it would be		
Edwards et al. Yamaoka discloses the claimed invention except into base portion and between the base portion and the bobyious to one having ordinary skill in the art at the	erface material neat generating of the time the inventional column 14, lines	such as solder or adhesive disposed device. Edwards discloses such materion was made to use coating materions at 14-16.	between the frame and the crials, therefore it would be		